

POTASH & PHOSPHATE INSTITUTE
POTASH REPORT SUMMARY
(Short Tons K₂O)

PR 1161
December 17, 1981

NOVEMBER

	CANADIAN PRODUCERS			UNITED STATES PRODUCERS			TOTAL CANADIAN & U.S. PRODUCERS		
	1981	1980	Change %	1981	1980	Change %	1981	1980	Change %
Beginning Inventory	1,379,332	761,416	+ 81.2%	524,930	258,727	+102.9%	1,904,312	1,020,143	+ 86.7%
(+) Production	646,240	690,765	- 6.4%	208,518	218,462	- 4.6%	854,758	909,227	- 6.0%
(-) Ending Inventory	1,531,806	658,916	+132.5%	557,457	297,827	+ 87.2%	2,089,263	956,743	+118.4%
(=) Total Disappearance	493,766	793,265	- 37.8%	176,041	179,362	- 1.8%	669,807	972,627	- 31.1%
(-) Exports	106,680	217,796	- 51.0%	56,475	56,498	0.0%	163,155	274,294	- 40.5%
(=) Disappearance-Canada & United States	387,086	575,469	- 32.7%	119,566	122,864	- 2.7%	506,652	698,333	- 27.4%

FIVE MONTHS (JULY-NOVEMBER) OF THE FERTILIZER YEAR

	CANADIAN PRODUCERS			UNITED STATES PRODUCERS			TOTAL CANADIAN & U.S. PRODUCERS		
	1981-82	1980-81	Change %	1981-82	1980-81	Change %	1981-82	1980-81	Change %
Beginning Inventory	1,181,715	1,146,968	+ 3.0%	349,712	298,354	+ 17.2%	1,531,427	1,445,322	+ 5.9%
(+) Production	3,074,497	3,110,170	- 1.1%	965,813	980,018	- 1.4%	4,040,310	4,090,188	- 1.2%
(-) Ending Inventory	1,531,806	658,916	+132.5%	557,457	297,827	+ 87.2%	2,089,263	956,743	+118.4%
(=) Total Disappearance	2,724,406	3,598,222	- 24.3%	758,068	980,545	- 22.7%	3,482,474	4,578,767	- 23.9%
(-) Exports	621,358	1,171,009	- 46.9%	267,604	404,593	- 33.8%	888,962	1,575,602	- 43.6%
(=) Disappearance-Canada & United States	2,103,048	2,427,213	- 13.4%	490,464	575,952	- 14.8%	2,593,512	3,003,165	- 13.6%

MONTH-END INVENTORIES - CANADIAN & U.S. PRODUCERS
(1000 Short Tons K₂O)

Fertilizer Year	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
1981-82	1517	1266	1547	1904	2089							
1980-81	1212	884	922	1020	957	917	1222	1326	1354	1344	1492	1531

POTASH & PHOSPHATE INSTITUTE
REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES
TOTAL BY U. S. & CANADIAN PRODUCERS
NOVEMBER 1981

	PRODUCTION K ₂ O		ENDING INVENTORY K ₂ O NOVEMBER 30				DISAPPEARANCE K ₂ O	
	1981	NOVEMBER 1980	MINE SITE	OFF SITE	1981	1980	1981	NOVEMBER 1980
Spec. Std. Muriate	12,450	32,982	30,531	21,296	51,827	42,348	11,976	21,483
Standard Muriate	243,418	274,397	470,719	200,534	671,253	251,114	164,490	270,990
Chemical Muriate	8,435	9,610	1,095	152	1,247	3,305	9,935	10,217
Coarse Muriate	266,055	276,653	303,685	276,275	579,960	229,925	224,758	315,868
Granular Muriate	210,470	214,566	403,721	68,553	472,274	203,593	182,546	253,783
Soluble Muriate	77,846	62,220	134,968	35,505	170,473	130,327	47,119	61,342
Sulphates	<u>36,084</u>	<u>38,799</u>	<u>124,851</u>	<u>17,378</u>	<u>142,229</u>	<u>96,131</u>	<u>28,983</u>	<u>38,944</u>
Total	854,758	909,227	1,469,570	619,693	2,089,263	956,743	669,807	972,627

	AGRICULTURAL SALES K ₂ O				NON-AGRICULTURAL SALES K ₂ O				TOTAL SALES K ₂ O		
	U.S. & CANADA		EXPORTS		U.S. & CANADA		EXPORTS		AG & NON-AG		
	1981	NOVEMBER 1980	1981	NOV 1980	1981	NOV 1980	1981	NOV 1980	1981	NOVEMBER 1980	1980
Spec. Std. Muriate	60	575	9,381	20,591	-	-	-	-	9,441		21,166
Standard Muriate	64,638	76,857	87,769	174,764	15,473	14,920	392	394	168,272		266,935
Chemical Muriate	-	-	-	-	9,955	9,415	38	395	9,993		9,810
Coarse Muriate	218,996	260,273	15,556	36,738	-	-	-	-	234,552		297,011
Granular Muriate	134,627	212,599	22,178	31,183	-	-	-	-	156,805		243,782
Soluble Muriate	27,569	47,671	-	2,028	12,638	10,013	6,969	1,446	47,176		61,158
Sulphates	<u>21,424</u>	<u>30,668</u>	<u>4,061</u>	<u>6,569</u>	<u>431</u>	<u>286</u>	<u>150</u>	<u>106</u>	<u>26,066</u>		<u>37,709</u>
Total	467,314	628,643	138,945	271,873	36,497	34,634	7,549	2,421	652,305		937,571

POTASH & PHOSPHATE INSTITUTE
REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES
BY CANADIAN PRODUCERS
NOVEMBER 1981

	PRODUCTION K ₂ O		ENDING INVENTORY K ₂ O NOVEMBER 30				DISAPPEARANCE K ₂ O	
	1981	NOVEMBER 1980	MINE SITE	OFF SITE	1981	1980	1981	NOVEMBER 1980
Spec. Std. Muriate	12,450	32,982	30,531	21,296	51,827	42,348	11,976	21,483
Standard Muriate	142,302	180,191	234,831	190,109	424,940	152,708	91,663	196,165
Chemical Muriate	4,439	6,023	142	152	294	1,208	6,639	6,083
Coarse Muriate	246,094	248,483	230,748	276,275	507,023	191,008	203,634	296,923
Granular Muriate	165,031	163,018	317,118	68,530	385,648	147,642	134,368	213,130
Soluble Muriate	<u>75,924</u>	<u>60,068</u>	<u>126,569</u>	<u>35,505</u>	<u>162,074</u>	<u>124,002</u>	<u>45,486</u>	<u>59,481</u>
Total	646,240	690,765	939,939	591,867	1,531,806	658,916	493,766	793,265

	AGRICULTURAL SALES K ₂ O				NON-AGRICULTURAL SALES K ₂ O				TOTAL SALES K ₂ O		
	U.S. & CANADA		EXPORTS		U.S. & CANADA		EXPORTS		AG & NON-AG		
	1981	NOVEMBER 1980	1981	NOV 1980	1981	NOV 1980	1981	NOV 1980	1981	NOVEMBER 1980	1980
Spec. Std. Muriate	60	575	9,381	20,591	-	-	-	-	9,441		21,166
Standard Muriate	30,236	50,440	66,816	143,277	3,669	5,064	-	-	100,721		198,781
Chemical Muriate	-	-	-	-	6,659	5,650	33	25	6,697		5,675
Coarse Muriate	202,957	246,980	10,442	30,222	-	-	-	-	213,399		277,202
Granular Muriate	96,347	185,002	13,034	20,207	-	-	-	-	109,381		205,209
Soluble Muriate	<u>27,066</u>	<u>46,942</u>	<u>-</u>	<u>2,028</u>	<u>11,508</u>	<u>8,882</u>	<u>6,969</u>	<u>1,446</u>	<u>45,543</u>		<u>59,298</u>
Total	356,666	529,939	99,673	216,325	21,836	19,596	7,007	1,471	485,182		767,331

POTASH & PHOSPHATE INSTITUTE
REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES
BY U. S. PRODUCERS
NOVEMBER 1981

	PRODUCTION K ₂ O		ENDING INVENTORY K ₂ O NOVEMBER 30				DISAPPEARANCE K ₂ O	
	1981	NOVEMBER 1980	MINE SITE	OFF SITE	1981	1980	1981	NOVEMBER 1980
Standard Muriate	101,116	94,206	235,888	10,425	246,313	98,406	72,827	74,825
Chemical Muriate	3,996	3,587	953	-	953	2,097	3,296	4,134
Coarse Muriate	19,961	28,170	72,937	-	72,937	38,917	21,124	18,945
Granular Muriate	45,439	51,548	86,603	23	86,626	55,951	48,178	40,653
Soluble Muriate	1,922	2,152	8,399	-	8,399	6,325	1,633	1,861
Sulphates	<u>36,084</u>	<u>38,799</u>	<u>124,851</u>	<u>17,378</u>	<u>142,229</u>	<u>96,131</u>	<u>28,983</u>	<u>38,944</u>
Total	208,518	218,462	529,631	27,826	557,457	297,827	176,041	179,362

	AGRICULTURAL SALES K ₂ O				NON-AGRICULTURAL SALES K ₂ O				TOTAL SALES K ₂ O	
	U.S. & CANADA		EXPORTS		U.S. & CANADA		EXPORTS		AG & NON-AG	
	1981	NOVEMBER 1980	1981	NOV 1980	1981	NOV 1980	1981	NOV 1980	1981	NOVEMBER 1980
Standard Muriate	34,402	26,417	20,953	31,487	11,804	9,856	392	394	67,551	68,154
Chemical Muriate	-	-	-	-	3,296	3,765	-	370	3,296	4,135
Coarse Muriate	16,039	13,293	5,114	6,516	-	-	-	-	21,153	19,809
Granular Muriate	38,280	27,597	9,144	10,976	-	-	-	-	47,424	38,573
Soluble Muriate	503	729	-	-	1,130	1,131	-	-	1,633	1,860
Sulphates	<u>21,424</u>	<u>30,668</u>	<u>4,061</u>	<u>6,569</u>	<u>431</u>	<u>286</u>	<u>150</u>	<u>186</u>	<u>26,066</u>	<u>37,709</u>
Total	110,648	98,704	39,272	55,548	16,661	15,038	542	950	167,123	170,240

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POTASH & PHOSPHATE INSTITUTE
POTASH REPORT SUMMARY
(Short Tons K₂O)

FR 1281
January 21, 1982

DECEMBER

	CANADIAN PRODUCERS			UNITED STATES PRODUCERS			TOTAL CANADIAN & U.S. PRODUCERS		
	1981	1980	Change %	1981	1980	Change %	1981	1980	Change %
Beginning Inventory	1,531,806	658,916	+132.5%	557,457	297,827	+ 87.2%	2,089,263	956,743	+118.4%
(+) Production	568,018	711,334	- 20.1%	211,950	226,946	- 6.6%	779,968	938,280	- 16.9%
(-) Ending Inventory	1,441,449	621,175	+132.1%	571,412	295,954	+ 93.1%	2,012,861	917,129	+119.5%
(=) Total Disappearance	658,375	749,075	- 12.1%	197,995	228,819	- 13.5%	856,370	977,894	- 12.4%
(-) Exports	117,682	133,372	- 11.8%	36,553	58,903	- 37.9%	154,235	192,275	- 19.8%
(=) Disappearance-Canada & United States	540,693	615,703	- 12.2%	161,442	169,916	- 5.0%	702,135	785,619	- 10.6%

SIX MONTHS (JULY-DECEMBER) OF THE FERTILIZER YEAR

	CANADIAN PRODUCERS			UNITED STATES PRODUCERS			TOTAL CANADIAN & U.S. PRODUCERS		
	1981-82	1980-81	Change %	1981-82	1980-81	Change %	1981-82	1980-81	Change %
Beginning Inventory	1,181,715	1,146,968	+ 3.0%	349,712	298,354	+ 17.2%	1,531,427	1,445,322	+ 5.9%
(+) Production	3,642,515	3,821,504	- 4.7%	1,177,763	1,206,964	- 2.4%	4,820,278	5,028,468	- 4.1%
(-) Ending Inventory	1,441,449	621,175	+132.1%	571,412	295,954	+ 93.1%	2,012,861	917,129	+119.5%
(=) Total Disappearance	3,382,781	4,347,297	- 22.2%	956,063	1,209,364	- 20.9%	4,338,844	5,556,661	- 21.9%
(-) Exports	739,380	1,304,381	- 43.3%	287,498	463,496	- 38.0%	1,026,878	1,767,877	- 41.9%
(=) Disappearance-Canada & United States	2,643,401	3,042,916	- 13.1%	668,565	745,868	- 10.4%	3,311,966	3,788,784	- 12.6%

MONTH-END INVENTORIES - CANADIAN & U.S. PRODUCERS
(1000 Short Tons K₂O)

Fertilizer Year	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
1981-82	1517	1266	1547	1904	2089	2013						
1980-81	1212	884	922	1020	957	917	1222	1326	1354	1344	1492	1531

POTASH & PHOSPHATE INSTITUTE
REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES
TOTAL BY U. S. & CANADIAN PRODUCERS
DECEMBER 1981

	PRODUCTION K ₂ O		ENDING INVENTORY K ₂ O DECEMBER 31				DISAPPEARANCE K ₂ O	
	1981	DECEMBER 1980	MINE SITE	OFF SITE	1981	1980	1981	DECEMBER 1980
Spec. Std. Muriate	850	10,449	25,826	30,841	56,667	41,881	(3,990)	10,916
Standard Muriate	222,814	267,814	516,939	212,350	729,289	291,499	164,778	227,429
Chemical Muriate	12,119	11,664	1,531	13	1,544	2,422	11,822	12,547
Coarse Muriate	256,938	303,875	285,142	267,870	553,012	192,374	283,886	341,426
Granular Muriate	181,155	223,892	282,050	77,063	359,113	161,588	294,316	265,897
Soluble Muriate	70,144	80,698	147,592	37,121	184,713	136,906	55,904	74,119
Sulphates	<u>35,948</u>	<u>39,888</u>	<u>115,578</u>	<u>12,945</u>	<u>128,523</u>	<u>90,459</u>	<u>49,654</u>	<u>45,560</u>
Total	779,968	938,280	1,374,658	638,203	2,012,861	917,129	856,370	977,894

	AGRICULTURAL SALES K ₂ O				NON-AGRICULTURAL SALES K ₂ O				TOTAL SALES K ₂ O	
	U.S. & CANADA		EXPORTS		U.S. & CANADA		EXPORTS		AG & NON-AG	
	1981	DEC 1980	1981	DEC 1980	1981	DEC 1980	1981	DEC 1980	1981	DEC 1980
Spec. Std. Muriate	500	1,726	1,691	4,865	-	-	-	-	2,191	6,591
Standard Muriate	60,117	101,539	98,932	118,005	13,769	14,573	815	647	173,633	234,764
Chemical Muriate	-	-	-	-	10,709	12,057	-	62	10,709	12,119
Coarse Muriate	264,273	342,651	26,277	14,544	-	-	-	-	290,550	357,195
Granular Muriate	181,802	248,151	6,947	24,105	-	-	-	-	188,749	272,256
Soluble Muriate	37,494	42,380	5,900	5,886	9,765	11,609	2,420	14,237	55,579	74,112
Sulphates	<u>34,124</u>	<u>34,255</u>	<u>11,200</u>	<u>9,850</u>	<u>252</u>	<u>607</u>	<u>53</u>	<u>74</u>	<u>45,629</u>	<u>44,786</u>
Total	578,310	770,702	150,947	177,255	34,495	38,846	3,288	15,020	767,040	1,001,823

POTASH & PHOSPHATE INSTITUTE
REPORT OF POTASH PRODUCTION, INVENTORY, DISAPPEARANCE & SALES
BY CANADIAN PRODUCERS
DECEMBER 1981

	PRODUCTION K ₂ O		ENDING INVENTORY K ₂ O DECEMBER 31				DISAPPEARANCE K ₂ O	
	1981	DECEMBER 1980	MINE SITE	OFF SITE	1981	1980	1981	DECEMBER 1980
Spec. Std. Muriate	850	10,449	25,826	30,841	56,667	41,881	(3,990)	10,916
Standard Muriate	129,810	169,972	253,458	195,672	449,130	177,621	105,620	145,059
Chemical Muriate	7,742	6,977	1,263	13	1,276	1,544	6,760	6,641
Coarse Muriate	231,830	269,589	211,076	267,870	478,946	152,210	259,907	308,387
Granular Muriate	128,700	175,595	200,144	77,040	277,184	116,819	237,164	206,418
Soluble Muriate	<u>69,086</u>	<u>78,752</u>	<u>141,125</u>	<u>37,121</u>	<u>178,246</u>	<u>131,100</u>	<u>52,914</u>	<u>71,654</u>
Total	568,018	711,334	832,892	608,557	1,441,449	621,175	658,375	749,075

	AGRICULTURAL SALES K ₂ O				NON-AGRICULTURAL SALES K ₂ O				TOTAL SALES K ₂ O		
	U.S. & CANADA		EXPORTS		U.S. & CANADA		EXPORTS		AG & NON-AG		
	1981	DEC 1980	1981	DEC 1980	1981	DEC 1980	1981	DEC 1980	1981	DEC	1980
Spec. Std. Muriate	500	1,726	1,691	4,865	-	-	-	-	2,191		6,591
Standard Muriate	22,553	56,906	88,385	93,544	3,329	3,988	-	-	114,267		154,438
Chemical Muriate	-	-	-	-	5,628	6,153	-	62	5,628		6,215
Coarse Muriate	250,864	318,537	12,339	5,772	-	-	-	-	263,203		324,309
Granular Muriate	128,006	201,337	6,947	9,006	-	-	-	-	134,953		210,343
Soluble Muriate	<u>35,904</u>	<u>41,170</u>	<u>5,900</u>	<u>5,886</u>	<u>8,363</u>	<u>10,423</u>	<u>2,420</u>	<u>14,237</u>	<u>52,587</u>		<u>71,716</u>
Total	437,827	619,676	115,262	119,073	17,320	20,564	2,420	14,299	572,829		773,612

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BY U. S. PRODUCERS
DECEMBER 1981

	PRODUCTION K ₂ O		ENDING INVENTORY K ₂ O DECEMBER 31				DISAPPEARANCE K ₂ O	
	1981	DECEMBER 1980	MINE SITE	OFF SITE	1981	1980	1981	DECEMBER 1980
Standard Muriate	93,004	97,842	263,481	16,678	280,159	113,878	59,158	82,370
Chemical Muriate	4,377	4,687	268	-	268	878	5,062	5,906
Coarse Muriate	25,108	34,286	74,066	-	74,066	40,164	23,979	33,039
Granular Muriate	52,455	48,297	81,906	23	81,929	44,769	57,152	59,479
Soluble Muriate	1,058	1,946	6,467	-	6,467	5,806	2,990	2,465
Sulphates	35,948	39,888	115,578	12,945	128,523	90,459	49,654	45,560
Total	211,950	226,946	541,766	29,646	571,412	295,954	197,995	228,819

	AGRICULTURAL SALES K ₂ O				NON-AGRICULTURAL SALES K ₂ O				TOTAL SALES K ₂ O	
	U.S. & CANADA		EXPORTS		U.S. & CANADA		EXPORTS		AG & NON-AG	
	1981	DEC 1980	1981	DEC 1980	1981	DEC 1980	1981	DEC 1980	1981	DEC 1980
Standard Muriate	37,564	44,633	10,547	24,461	10,440	10,585	815	647	59,366	80,326
Chemical Muriate	-	-	-	-	5,081	5,904	-	-	5,081	5,904
Coarse Muriate	13,409	24,114	13,938	8,772	-	-	-	-	27,347	32,886
Granular Muriate	53,796	46,814	-	15,099	-	-	-	-	53,796	61,913
Soluble Muriate	1,590	1,210	-	-	1,402	1,186	-	-	2,992	2,396
Sulphates	34,124	34,255	11,200	9,850	252	607	53	74	45,629	44,786
Total	140,483	151,026	35,685	58,182	17,175	18,282	868	721	194,211	228,211